

INTERNATIONAL SEARCH REPORT

International Application No

PCT/JP 00/06831

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H02K5/22

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H02K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 836 792 A (GLOVER ALFRED H) 6 June 1989 (1989-06-06) abstract; claims 1,5; figures 1-4 ---	1-5, 11-15
A	EP 0 511 876 A (MABUCHI MOTOR CO) 4 November 1992 (1992-11-04) column 3, line 55 -column 4, line 1 column 4, line 55 -column 5, line 17; claim 1; figures 1,3,5-7,9-11 ---	1-6,9-16
A	PATENT ABSTRACTS OF JAPAN vol. 017, no. 460 (E-1419), 23 August 1993 (1993-08-23) -& JP 05 103451 A (NIPPON DENSAN CORP), 23 April 1993 (1993-04-23) abstract; figures 1,3-5 --- -/-	1-4,7,8, 11-15



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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Date of the actual completion of the international search

31 January 2001

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 99 41020 A (KAWABATA SEIJI ;SEIKO EPSON CORP (JP)) 19 August 1999 (1999-08-19) abstract; figures 1,2,5 -----	3-8, 15, 16

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/JP 00/06831

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4836792	A	06-06-1989	NONE	
EP 0511876	A	04-11-1992	DE 69209710 D	15-05-1996
			DE 69209710 T	31-10-1996
			US 5221130 A	22-06-1993
JP 05103451	A	23-04-1993	NONE	
WO 9941020	A	19-08-1999	JP 11226501 A	24-08-1999